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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER	
EWALD, MARIA VERONICA	
ART UNIT	PAPER NUMBER
1791	
MAIL DATE	DELIVERY MODE
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Response to Arguments

Applicant's arguments filed July 30, 2008 have been fully considered but they are not persuasive. Applicant argues that the secondary reference of Archer says nothing about modifying the ultrasonic tip to enhance the adhesive properties of titanium towards the resin material. Furthermore, Applicant argues that titanium exhibits high adhesive properties not to *any resin* but to resin materials containing carboxylic anhydride and thus, the combination of the primary references cited with that of Archer fail to render the claims obvious.

The Examiner disagrees. Because Archer teaches that the ultrasonic horn or tip can be fabricated of titanium, the horn will inherently exhibit high adhesive properties. Is there a difference between the titanium of Applicant and that of Archer? Would not titanium as taught by Archer be the same titanium as that identified in Applicant's specification? Applicant argues that the titanium exhibits an affinity not just for any resin, but to that containing carboxylic anhydride. However, Applicant's arguments are not consistent with what is claimed because Applicant is merely claiming that the vibrator has high adhesive properties to the resin material (as claimed in claim 1). Furthermore, even if a specific resin is claimed, because Archer teaches the use of titanium, the Examiner contends that the combination of references would still render the claims obvious. If Applicant's specification specifically points to titanium as having an affinity for resin materials containing carboxylic anhydride or a resin modified by the anhydride, and the reference of Archer teaches an ultrasonic horn fabricated of titanium, the titanium horn, will therefore exhibit an affinity for the specific resin. Applicant has failed

to present any evidence to the contrary that the titanium horn of Archer does not behave as that in Applicant's apparatus or disclosure. Furthermore, there is no evidence provided that the titanium as noted in Applicant's specification is unique or different from the titanium of Archer and thus, the Examiner maintains the rejection.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MARIA VERONICA D. EWALD whose telephone number is (571)272-8519. The examiner can normally be reached on M-F, 8 - 4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dr. Yogendra Gupta can be reached on 571-272-1316. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Yogendra N Gupta/
Supervisory Patent Examiner, Art Unit 1791

MVE